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TC 1700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
PEUCHERT, Ulrich : Group Art Unit.: 1755  
Serial No.: 10/024,498 : Examiner: BOLDEN, Elizabeth A.  
Filed: December 21, 2001 :  
Title: ALKALI-FREE ALUMINOBOROSILICATE GLASSES AND USES THEREOF

REPLY

Assistant Commissioner for Patents  
Washington, D.C. 20231

SIR:

In response to the Office Action mailed on April 18, 2003, please amend the claims as follows and consider the remarks.

In the Claims

Please amend the claims as follows:

1. (Currently Amended) An alkali-free aluminoborosilicate glass consisting essentially of by weight % based on oxide,

(B<sub>2</sub>)  
SiO<sub>2</sub> > 58 – 65,  
B<sub>2</sub>O<sub>3</sub> > 6 – 11.5,  
Al<sub>2</sub>O<sub>3</sub> > 14 – 20,  
MgO > 3 – 6,  
CaO > 4.5 – 10,  
SrO 0 – 1.5,  
BaO > 1.5 – 6,  
with SrO + BaO > 3, and  
ZnO 0 – < 2,

and essentially no alkali oxides.

2. (Currently Amended) An alkali-free aluminoborosilicate glass consisting essentially of by weight % based on oxide,